

## Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Caesalpinia pulcherrima*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
5	2,6-DIMETHOXYBENZOQUINONE	Plant	--	--		
0	4'-METHYLISOLIQUIRITIGENIN	Plant	--	--		
0	6-BETA-CINNAMOYL-7-BETA-HYDROXY-VOUCAPEN-5-ALPHA-OL	Root	--	--		
0	6-METHOXYPULCHERRIMIN	Stem	--	--		
0	8,9,11,14-DIDEHYDROVOUCAPEN-5-ALPHA-OL	Root	--	--		
0	8-METHOXYBONDUCELLIN	Stem	--	--		
0	ALPHA-CAESALPIN	Bark	--	--		
20	BENZOIC-ACID	Leaf	--	--		
47	BETA-SITOSTEROL	Flower	--	--		
0	BONDUCELLIN	Stem	--	--		
51	ELLAGIC-ACID	Bark	--	--		
8	ELLAGITANNIN	Plant	--	--		
0	GALACTOMANNAN	Seed	344000	344000	1	
0	GALACTOMANNOSE	Seed	--	--		
62	GALLIC-ACID	Leaf	--	--		
9	HCN	Leaf	--	--		
2	LEUCODELPHINIDIN	Plant	--	--		
21	LUPEOL	Flower	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
2	LUPEOL-ACETATE	Flower	--	--		
3	MUCILAGE	Seed	--	--		
34	MYRICETIN	Flower	--	--		
2	MYRICETOL	Leaf	--	--		
13	MYRICITRIN	Plant	--	--		
0	MYRICITRIN-3-RHAMNOSIDE	Leaf	--	--		
0	PULCHERRALPIN	Bark	--	--		
0	PULCHERRIMIN	Stem	--	--		
176	QUERCETIN	Flower	--	--		
87	RUTIN	Flower	--	--		
35	TANNIN	Leaf	7000	7000	-1.263894686903192	
35	TANNIN	Wood	3000	3000	-1.0047118271115913	
0	VOUACAPEN-5-ALPHA-OL	Root	--	--		
0	X-CAESALPIN	Plant	--	--		